

Abstract of the disclosure

An image recorder for recording objects or scenes in three dimensions comprising a detector unit with a multiplicity of photosensitive pixel elements. This is used to generate signals which contain information, such as brightness and distance for example, about individual image points. A signal output serves to output the image information. The arrangement of the pixel elements contributing to the image information is adapted or can be adapted to expected positions of characteristic image elements, or is irregular. The pixel elements may be permanently installed, or individual pixel elements from an array of pixel elements may be activated or deactivated by programming in order to form, for example, a V-shaped region of interest with regard to the image to be recorded.

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